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VIII
REPORT OF THE PRESIDENT OF THE ACADEMY
FOR THE YEAR 1916

BY
C. E. GRUNSKY
President of the Academy

In view of the fact that the work of the California Academy of Sciences, its purposes and aims, were rather fully set forth in the various addresses delivered at the dedication of its Museum Building in Golden Gate Park last September, this annual report will be brief and devoted in the main to a summarization of such facts and events as seem worthy of special mention.

No special effort has been put forth during the last year to swell the Academy's membership list. The accession of new members has nevertheless a little more than offset the losses by death and resignation. The present membership in the Academy is 483, made up of:

Patrons	5
Honorary Members	26
Life Members	83
Members	369

During the year 1916 there was an accession of 33 new members, and the Academy lost by death 5, by resignation 11, and by being dropped for arrearages in dues 6; leaving a net gain in membership of 11.

June 23, 1917

The losses by death were :

Davis, Mr. Horace.....	Life Member	July 12, 1916
Gutzkow, Mr. Frederick.....	Life Member	May 7, 1916
Leszynsky, Mr. S. L.....	Member	March 8, 1916
Slater, Dr. Philip Lutley.....	Honorary Member	_____, 1916
Trask, Mrs. Blanche	Life Member	Nov. 11, 1916

The Academy carries on its list of patrons the following names :

Alvord, William	Bourn, William B.
Crocker, Charles	Crocker, William H.
Hendrie, John W.	Dunne, Peter F.
Lick, James	Grant, Joseph D.
Hosmer, Mrs. Charlotte	Morrison, Alexander F.

Of these the last six are the surviving members. Two other public spirited citizens, Mr. Herbert Fleishhacker and Mr. A King Macomber, have recently very generously offered to instal large habitat groups in the Museum, whereby they will become patrons.

LECTURES

During the year 1916, 11 free lectures have been delivered at the stated meetings of the Academy, as follows :

JANUARY 19.	"Bird and Animal Life of the Yosemite Region." Tracy I. Storer, Assistant Curator of Birds, Museum of Vertebrate Zoology, University of California.
MARCH 15.	"The Gulls in and about San Francisco." Joseph Mailliard.
APRIL 19.	"Bird Life as seen through a Camera." Dr. J. Rollin Slonaker, Professor of Physiology, Stanford University.
MAY 17.	"The Relation of our Salmon and Trout to Forest Conservation." N. B. Scofield, Expert in charge of the Department of Commercial Fisheries, California State Fish and Game Commission.
JUNE 21.	"Game Conditions in Great Britain vs. Conditions in California." Carl Westerfeld, California Fish and Game Commissioner.
JULY 19.	"Horticultural Quarantine." Frederick Maskew, Chief Deputy Quarantine Officer of the California State Horticultural Commission.
AUGUST 16.	"A Naturalist in the Bahama Islands." Dr. Charles Lincoln Edwards, Director of the Los Angeles Zoological Park and Aquarium.
SEPTEMBER 20.	"The Fur Seals and other animals of the Pribilof Islands." George A. Clark, Academic Secretary of Stanford University.
OCTOBER 18.	"The Physiographic History of the Southern Sierra and Mojave Desert Regions." Dr. John P. Buwalda, Instructor in Geography, University of California.

- NOVEMBER 15. "Japanese Pearl Fisheries."
Prof. C. A. Kofoid, Department of Zoology, University of California.
- DECEMBER 20. "The California Pocket Gopher as a Useful Animal."
Dr. Joseph Grinnell, Director of the Museum of Vertebrate Zoology, University of California.

In addition, Sunday afternoon lectures are being delivered in the Museum building, since October. The list for 1916 embraces the following:

- OCTOBER 22. "Picturesque India."
Dr. Walter K. Fisher, Stanford University.
- OCTOBER 29. "To the Tip-top of the United States in Quest of the Golden Trout."
Dr. Barton W. Evermann, Director of the Museum.
- NOVEMBER 5. "A Trip to the Southern Sierra Nevada and the Cañon of the Kern."
Dr. Roy E. Dickerson, Assistant Curator of Paleontology.
- NOVEMBER 12. "The Argentine Ant; a Pest from South America."
Prof. C. A. Woodworth, Department of Agriculture, University of California.
- NOVEMBER 19. "Ups and Downs of the Pacific Coast."
Prof. R. S. Holway, Department of Geography, University of California.
- NOVEMBER 26. "Some Common California Mammals."
Dr. Joseph Grinnell, Director of the Museum of Vertebrate Zoology, University of California.
- DECEMBER 3. "Injurious Insects."
Prof. E. A. Essig, Department of Agriculture, University of California.
- DECEMBER 10. "Turtles of the Galapagos Islands."
Dr. John Van Denburgh, Curator of the Department of Herpetology, California Academy of Sciences.

ACCESSIONS TO THE MUSEUM AND LIBRARY

Among the notable donations with which the Academy's collections of material and of books have been enriched during 1916, the following may be noted:

- Argentine Government, through Hon. Enrique M. Nelson, Commissioner-General, Panama-Pacific International Exposition: Thirty-nine specimens of mounted Argentine birds; eight mounted specimens of native mammals; 10 boxes of exhibits of native insects; 10 framed colored drawings of Argentine plants; one stereoscope and 37 slides; exhibit illustrating water filtration; specimens of Argentine plants.
- Branner, Dr. John C., Stanford University: 55 bound volumes.
- California Botanical Club, through Miss Alice Eastwood: A collection of 397 specimens of Mexican plants collected by Dr. Edward Palmer in 1910, purchased for \$39.80 by the Club.
- Crocker, Mr. William H.: Three large folios, "Japanese Temples and their Treasures."

- Evermann, Dr. Barton W.: Ten manganese nodules dredged by the U. S. Fish Commission Steamer Albatross in the South Pacific during the Agassiz-Albatross South Pacific Expedition of 1899-1900, and a collection of garnets from St. George Island, Pribilof Group.
- Grant, Mr. J. D.: One buffalo skull from the Klamath River.
- Heyer, Mrs. H. C., San Francisco: Sixty-one specimens of Alaska birds, chiefly water birds.
- Kelly, Mr. James H., Tiburon, Cal.: Twenty-one numbers of the earlier publications of the Academy.
- Logan, Mr. Hugh B. Baker, Ore., through Mr. John W. Mailliard: One skin of the Mountain Coyote (*Canis latrans lestes*), male, from North Powder, Baker Co., Oregon, and one skin of the Pallid Barred Wildcat (*Lynx fasciatus pallescens*), male, from Salisbury, Baker Co., Oregon, both collected by the donor.
- Martin, Mr. Bruce: 627 insects collected in Colombia, South America, including some very interesting forms.
- Mailliard, Mr. John W.: Two specimens of the California Condor (*Gymnogyps californianus*), collected in San Diego Co., California, by E. B. Towne.
- Merriam, Dr. C. Hart, Washington, D. C.: A collection of 486 specimens of Atlantic coast mosses, comprising 65 genera and 181 species, all new to the herbarium.
- Smith, Mr. L. E., Sisson, Cal.: One hundred and forty-nine bound volumes.
- Snodgrass, Mr. R. E.: Seventeen volumes and 13 pamphlets, concerning the Galapagos Islands.
- Tobin, Mr. J. S.: Cash donation, \$250.
- U. S. Fisheries Steamer "Albatross": Twenty-one bird skins; 181 jars, vials and bottles of specimens of fishes, sponges, molluscs, crustaceans, etc.

PUBLICATIONS

The Academy has published during 1916 the following papers in continuation of the Fourth Series of the Proceedings:

- Vol. V, No. 7, pp. 195-201
REPORT OF THE PRESIDENT OF THE ACADEMY FOR THE YEAR 1915
by C. E. Grunsky, President of the Academy.
- Vol. V, No. 8, pp. 202-223
REPORT OF THE DIRECTOR OF THE MUSEUM FOR THE YEAR 1915
by Barton Warren Evermann, Director of the Museum.
- Vol. VI, No. 1, pp. 1-17
EOCENE OF LOWER COWLITZ RIVER VALLEY, WASHINGTON
by Charles E. Weaver.
- Vol. VI, No. 2, pp. 19-40
THE POST-EOCENE FORMATIONS OF WESTERN WASHINGTON
by Charles E. Weaver.
- Vol. VI, No. 3, pp. 41-52
THE OLIGOCENE OF KITSAP COUNTY, WASHINGTON
by Charles E. Weaver.
- Vol. VI, No. 4, pp. 53-85
THE PACIFIC COAST RACES OF THE BEWICK WREN
by Harry S. Swarth.
- Vol. VI, No. 5, pp. 87-128
MONOGRAPH OF THE NORTH AMERICAN SPECIES OF ORTHOTYLUS (HEMIP-
TERA)
by Edward P. Van Duzee.

Vol. VI, No. 6, pp. 129-213

A CATALOGUE AND HOST LIST OF THE ANOPLURA
by G. F. Ferris.

Vol. VI, No. 7, pp. 215-221

FOUR SPECIES OF SALAMANDERS NEW TO THE STATE OF CALIFORNIA, WITH
A DESCRIPTION OF PLETHODON ELONGATUS, A NEW SPECIES, AND NOTES
ON OTHER SALAMANDERS.
by John Van Denburgh.

Title pages and Indices for Fourth Series, Proceedings, Volumes IV and V, have also been printed but have not yet been distributed.

The notable event in the affairs of the Academy which marks the beginning of a new epoch in its history, was the dedication on September 22, 1916, of the new Museum building in Golden Gate Park, with a first view by members and their friends of the habitat groups of which, at that time, 11 principal groups and a number of lesser groups had been completed. The exercises on that occasion have been made a matter of record and I desire at this time only to renew the assurance to those who have made so much accomplishment possible of the sincere appreciation by all members of the Academy of the generosity and good will which has found such happy expression in this building and its contents.

Of the 11 principal groups the three bird groups were made possible by special donations as follows:

The Farallon Bird Group, by Mr. Wm. H. Crocker.

The San Joaquin Valley Bird Group, by Mr. Jos. D. Grant.

The Desert Bird Group, by Mr. Wm. B. Bourn.

I may note in connection with the installation of habitat groups that the Academy no longer commands the services of Mr. John Rowley, under whose supervision the habitat groups have been installed. Mr. Rowley has gone to the Municipal Museum of Oakland.

I cannot refrain from commending again the results of Mr. Rowley's work. The groups which have been installed portray nature, and especially the various animals therein presented, with remarkable fidelity. The general arrangement and effect of each group is pleasing and all will bear the closest inspection.

The fact that Mr. Rowley will be active in such close proximity to San Francisco as Oakland, prompts the hope that for special work as occasion arises his services will still be available.

The Academy has been fortunate in securing the services of Mr. E. P. Van Duzee as Curator in the Department of Entomology and as active Librarian. The proper housing of the Library and the attention which it is now receiving have added greatly to its usefulness.

In the other departments of the Academy's work there has been no material change.

What has been done in these various departments will be set forth by the several curators and it would be but repetition to dwell upon their activities in this general statement of affairs.

The Director of the Museum, Dr. Evermann, will report in some detail upon the Museum and research work which has been accomplished and of the cordial appreciation which the public is manifesting in the Academy's work.

In order to make possible what has thus far been done on and in the museum building, the Academy has had to live beyond its income for several years. It has been necessary to add to our indebtedness about \$35,000. This is not a serious matter but is cited as an evidence of the efforts of your Trustees and Officers to make the collected scientific material available for examination and study at the earliest possible date.

The estimated assets of the Academy are about \$1,400,000, mainly represented by the Market Street property, against which there are liabilities of about \$336,000. The net annual income may be stated in round numbers at about \$50,000. It is expected that of this amount about \$10,000 per annum can during the next few years be held available for reducing our financial obligations.

There is not yet any prospect for the enlargement of the museum building, which would only be possible by outside aid. The space which has thus far been made available is, of course, inadequate to meet prospective requirements. All friends of the Academy should, therefore, as opportunity offers, call the attention of those who are financially able, to the good work which an ample additional endowment would make possible.

In closing, I desire to express on behalf of the officers of the Academy their appreciation of the interest manifested by the members, and desire also to extend my personal thanks to the officers and members for their cordial support and also to the employees who have so willingly made sacrifices in the interest of the Academy whenever called upon to do so.